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New Claims

1. A sensing wheel (5) for a device (3) for measuring
the rotational angle of a crankshaft (2) of an
5 internal combustion engine (1), having a plurality of
peripherally arranged teeth (7), which each have a
front edge (9) and a rear edge (10), which define the
width of the respective tooth (7), and having tooth
gaps (8) situated between the teeth (7), the
10 respective front edges (9) or rear edges (10) of the
teeth (7) being spaced at basically the same angular
interval from one another, and a limited number of
different tooth widths being provided over the entire
periphery, **characterized in that** the sequence of the
15 tooth widths of at least three successive teeth (7)
within a rotational angle of up to 18° over the
entire periphery is unambiguous.
2. The sensing wheel as claimed in claim 1,
20 **characterized in that** the four different tooth widths
are provided over the entire periphery.
3. The sensing wheel as claimed in claim 1 or 2,
characterized in that the width of each tooth (7)
25 together with the succeeding or preceding tooth gap
(8) is approximately 6°.

Amended Claims